Inventor(s): Kyoung Hoon Yang et al. Atty. Ref.: 9242-000030



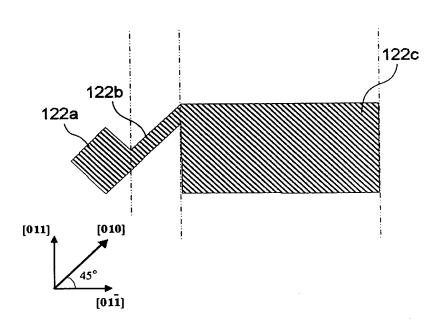


FIG. 1a

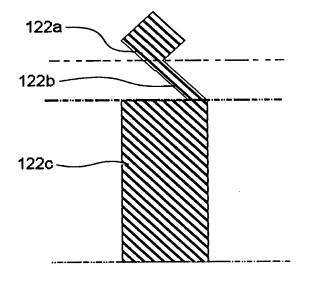
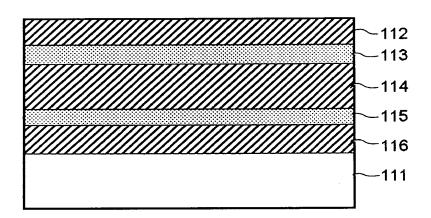


FIG. 1b

Title: BASED PAD LAYOUT FOR REDUCING PARASITIC BASE-COLLECTOR CAPACITANCE AND METHOD OF FABRICATING HBT USING THE SAME

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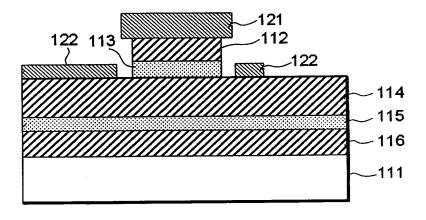


FIG. 3a

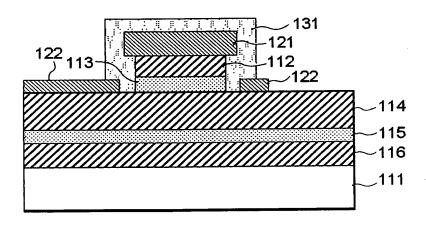


FIG. 3b

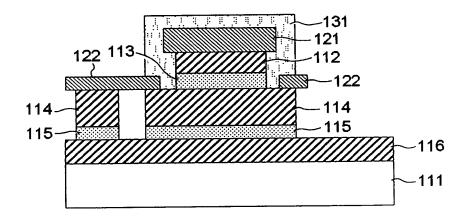


FIG. 3c

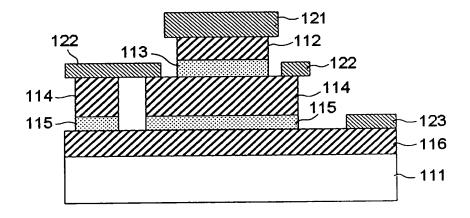


FIG. 3d

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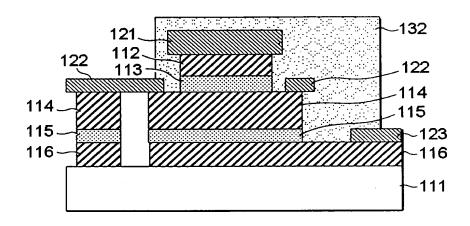


FIG. 3e

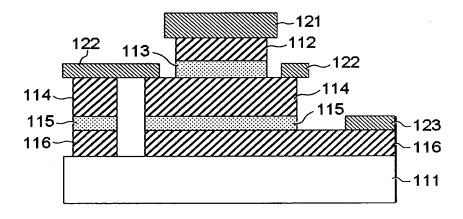
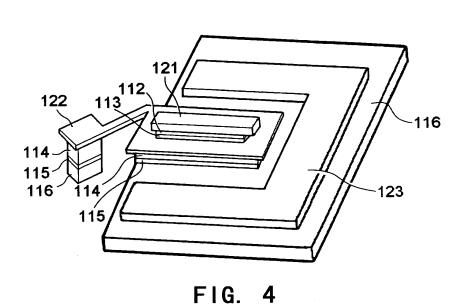


FIG. 3f

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Base Feeding Emitter
Metal

Base pad

Base Metal

Collector
Metal

Base Pad
Isolation (Void)

KE7145 20.0KU 54 6.0KX + 020314

FIG. 5